

## AMENDMENTS TO THE SPECIFICATION

Please replace Table 1 on page 22 of the specification with the following rewritten paragraph:

<u>TABLE 1</u> <u>DNA probes used</u>		
Probe#	Name	Sequence
1	L18 (Lac operator, 18bp)	5'ATTGTGAGCGCTCACAAAT3' (SEQ ID NO:6) 3'TAACACTCGCGAGTGTTA5' (SEQ ID NO:38)
2	L31 (Lac operator, 31bp)	5'cttctaATTGTGAGCGCTCACAAATgaaaaag3' (SEQ ID NO:7) 3'gaagatTAACACTCGCGAGTGTTActttttc5' (SEQ ID NO:8)
3	NI16 (Native insulator, 16bp)	5'GAATATATATATATTC3' (SEQ ID NO:9) 3'CTTATATATATATAAG5' (SEQ ID NO:10)
4	NI29 (Native insulator, 29bp)	5'cttctaGAATATATATATATTCgaaaaag3' (SEQ ID NO:11) 3'gaagatCTTATATATATATAAGctttttc5' (SEQ ID NO:12)
5	NI1m (Naturally mutated insulator, 29bp)	5'cttctaGAATATATGTATATTCgaaaaag3' (SEQ ID NO:13) 3'gaagatCTTATATACATATAAGctttttc5' (SEQ ID NO:14)
6	M1 (Mutated insulator, 29bp)	5'cttctaACCTATATATATATTCgaaaaag3' (SEQ ID NO:15) 3'gaagatTGGATATATATATAAGctttttc5' (SEQ ID NO:16)
7	M2 (Mutated insulator, 29bp)	5'cttctaGAAGCGATATATATTCgaaaaag3' (SEQ ID NO:17) 3'gaagatCTTCGCTATATATAAGctttttc5' (SEQ ID NO:18)
8	M3 (Mutated insulator, 29bp)	5'cttctaGAATATCGCGATATTCgaaaaag3' (SEQ ID NO:19) 3'gaagatCTTATAGCGCTATAAGctttttc5' (SEQ ID NO:20)
9	M4 (Mutated insulator, 29bp)	5'cttctaGAATATCTATATATTCgaaaaag3' (SEQ ID NO:21) 3'gaagatCTTATAGATATATAAGctttttc5' (SEQ ID NO:22)
10	M5 (Mutated insulator, 29bp)	5'cttctaGAATATAGATATATTCgaaaaag3' (SEQ ID NO:23) 3'gaagatCTTATATCTATATAAGctttttc5' (SEQ ID NO:24)
11	M6 (Mutated insulator, 29bp)	5'cttctaGAATATATCTATATTCgaaaaag3' (SEQ ID NO:25) 3'gaagatCTTATATAGATATAAGctttttc5' (SEQ ID NO:26)
12	M7 (Mutated insulator, 29bp)	5'cttctaGAATATATAGATATTCgaaaaag3' (SEQ ID NO:27) 3'gaagatCTTATATATCTATAAGctttttc5' (SEQ ID NO:28)

Please insert after page 28, but before the claims, the attached paper Sequence Listing in the specification.

Attachments: Sequence Listing (paper copy)

Sequence Listing (computer readable disk copy)